

Query/Command : prt max legalall

1/1 PLUSPAT - ©QUESTEL-ORBIT

PN -  US6320511 B1 20011120 [US6320511]
TI - (B1) Ice detector configuration for improved ice detection at near freezing conditions
PA - (B1) ROSEMOUNT AEROSPACE INC (US)
PA0 - Rosemount Aerospace Inc., Burnsville MN [US]
IN - (B1) OWENS DAVID G (US); CRONIN DENNIS J (US); JACKSON DARREN G (US)
AP - US72410100 20001128 [2000US-0724101]
PR - US72410100 20001128 [2000US-0724101]
IC - (B1) G08B-019/02
EC - B64D-015/20
G08B-019/02
PCL - ORIGINAL (O) : 340580000; CROSS-REFERENCE (X) : 073170170
340581000 340962000
DT - Basic
CT - US4054255; US4210021; US4333004; US4611492; US5003295; US5821862;
US5955887; US6010095; US6052056; US6196500
"Equilibrium Temperature of an Unheated Icing Surface as a Function of Air Speed", Messinger, B.L., J. Aeronaut. Sci., pp. 29-42, Jan. 1953.
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - An ice detector for an aircraft comprises a strut and probe assembly, and it is positioned on the aircraft so that the pressure field around the ice detector causes a lower temperature region on the probe assembly compared to the aircraft. Ice will therefore form on the probe assembly before it forms on the aircraft to provide an early warning of icing conditions near freezing temperatures.
UP - 2001-48

1/1 LGST - ©EPO

PN -  US6320511 B1 20011120 [US6320511]
AP - US72410100 20001128 [2000US-0724101]
ACT - 20001128 US/AS-A
ASSIGNMENT
OWNER: ROSEMOUNT AEROSPACE INC. 14300 JUDICIAL ROAD
BURNS; EFFECTIVE DATE: 20001128
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:CRONIN,
DENNIS J.;JACKSON, DARREN G.;OWENS, DAVID
G.;REEL/FRAME:011324/0005

20031230 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030910

UP - 2004-31

1/1 CRXX - ©CLAIMS/RRX

PN -  6,320,511 A 20011120 [US6320511]

PA - Rosemount Aerospace Inc

ACT - 20030910 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20031230

REISSUE REQUEST NUMBER: 10/659678

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2632

Reissue Patent Number:

Search statement 2

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6320511

<=2> Get Drawing Sheet 1 of 10

November 20, 2001

Ice detector configuration for improved ice detection at
near freezing conditions

REISSUE: September 10, 2003 - Reissue Application filed Ex. Gp.: 2632; Re. S.N.
10/659,678 (O.G. December 30, 2003)

APPL-NO: 724101 (09)

FILED-DATE: November 28, 2000

GRANTED-DATE: November 20, 2001

CORE TERMS: probe, ice, detector, aircraft, airfoil, strut, wing, cylindrical,
angle of attack, skin ...

LEXIS-NEXIS

Library: PATENT

File: ALL

6,320,511 OR 6320511

LEXIS-NEXIS
Library: PATENT
File: CASES

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6,320,511 OR 6320511

LEXIS-NEXIS
Library: NEWS
File: CURNWS

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For further explanation, press the H key (for HELP) and then the ENTER key.

US 6320511 P 20001128 US AS ASSIGNMENT
DATE: 20001128 ; ROSEMOUNT AEROSPACE INC.
14300 JUDICIAL ROAD BURNS ; ASSIGNMENT OF
ASSIGNORS INTEREST;ASSIGNORS:CRONIN, DENNIS
J.;JACKSON, DARREN G.;OWENS, DAVID
G.;REEL/FRAME:011324/0005

US 6320511 P 20011120 US BA PATENT (NO PREVIOUS
PRE-GRANT PUBLICATION)

US 6320511 P 20031230 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
DATE: 20030910